Installation and Operation Guide

ScaleKleen™ & JT Cartridge
EV9655-00 & EV9608-00

USING THE EVERPURE® JT CARTRIDGE FOR SANITIZING

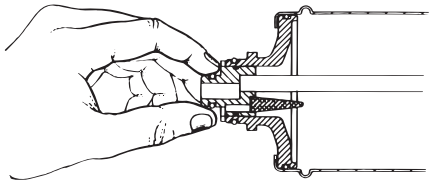

Figure 1

1. Grasp the tip of the outlet tower (center, top of the cartridge and pull out gently (Figure 1). The entire central plug with the long tube attached will come out, leaving a hole as big as your thumb.
2. Add about a teaspoon of laundry bleach (5.25% sodium hypochlorite solution) to the empty flushing cartridge through the hole in the top.
3. Lubricate O-ring with a high quality silicone lubricant. Replace the central plug assembly and insert the flushing cartridge into the installed head.
4. After inserting the flushing cartridge in the head and opening the shut-off valve before the system, slowly open the product water line and run water to drain until the smell of chlorine is strong. Then immediately shut off the water and wait a period of at least half an hour.
5. The user should be instructed not to use the processed water for at least half an hour to allow adequate disinfection time. The water should be allowed to run for about 5 minutes to purge the installation of chlorine and the cartridge of air.
6. Remove the flushing cartridge and insert a new Everpure cartridge(s).

SCALEKLEEN INSTRUCTIONS FOR ICE MACHINES

1. Turn off the ice machine, and drain the sump.
2. Mix one 7-ounce packet of ScaleKleen in one quart of hot water and pour the solution into the ice machine sump.
3. Allow the sump to fill so that the pump is not starved of water.
   NOTE: Do not turn on, the "REFRIGERATE" cycle. ScaleKleen works most effectively when mixed with hot water. The colder the water; the longer it takes to dissolve the scale.
4. Turn the switch to the "PUMP" mode and allow water to recirculate with ScaleKleen for 20 minutes.
5. Repeat steps 2 through 4 if scale deposits are still visible.
6. Drain and rinse the sump thoroughly with clean water to remove any remaining traces of ScaleKleen.
7. Check the pH of the water in the sump. If it is within one pH unit of the influent tap water; then the ScaleKleen has been sufficiently rinsed out. (NOTE: an inexpensive pH test kit is available from your Everpure dealer).
8. Turn the ice machine on to the "ICE" mode and place it back in service.

SCALEKLEEN INSTRUCTIONS FOR VENDING MACHINES

1. Pour one-half to one 2.2 lb. packet of ScaleKleen into the JT Cartridge. Remove the existing 4H filter cartridge and insert the JT Cartridge in the filter head. Vend several cups of water to draw the ScaleKleen into the hot water in the tank. Wait 30 to 40 minutes then rinse the tank thoroughly with cold water.
2. After all de-scaling has been completed, remove the JT Cartridge, rinse it thoroughly with cold water and install a new Everpure 4H filter cartridge.

Batch Treatment

1. Heat water to almost boiling.
2. Slowly pour ScaleKleen into treatment tank. Stir to dissolve. Use one 2.2 lb. packet for every five gallons of water.
3. Wait 30 to 40 minutes. Check to see that all the scale is gone. Rinse the tank thoroughly with cold water.

SCALEKLEEN INSTRUCTIONS FOR STEAMERS WITH EXISTING EVERPURE FILTER

1. Remove and discard the existing Everpure filter cartridge from the steamer.
2. For a small steamer (less than 10KW or 100,000 BTU's), use two 2.2 lb. (two kilogram) packages of ScaleKleen. For a large steamer (greater than 10KW or 100,000 BTU's), use four 2.2 lb. (four kilogram) packages of ScaleKleen. For regularly scheduled maintenance, reduce these quantities in half.
3. Remove the top plug assembly from the Everpure JT Cartridge. **NOTE:** The JT Cartridge is designed to hold a maximum of one 2.2 lb. (one kilogram) package of ScaleKleen.
4. Cut one corner of the ScaleKleen package, and pour the contents directly into the JT Cartridge. Once the ScaleKleen is in the cartridge, carefully reinsert the top plug assembly. **NOTE:** Ensure that the plug assembly is seated to the lugged outer cap. If not, placement of the JT Cartridge into the head will be hindered.

As an alternative, you can dissolve one 2.2 lb. (one kilogram) package of ScaleKleen in warm water. Carefully pour the solution into the JT Cartridge. Repeat this step until all of the solution has been used.

5. Insert the filled JT Cartridge into the head assembly, and turn the shut-off valve to the fully opened position.
6. Flush the cartridge for a minimum of 1 gallon (a flow rate of 0.5 GPM would require 2 minutes) to transfer the ScaleKleen into the boiler tank to be de-scaled.
7. Turn the steamer on. Once the steamer reaches operating temperature, allow 30 minutes for the ScaleKleen to remove the scale, then turn the steamer off.
8. Blowdown (flush) the boiler until the pH of the effluent is within one pH unit of the incoming (influent) water.
9. Once the steamer has been flushed out, it can be placed back into service.
10. After all de-scaling has been completed, remove the JT Cartridge and install a new Everpure filter cartridge.

SCALEKLEEN INSTRUCTIONS FOR DRIP COFFEE MAKERS

1. Remove and discard the existing Everpure filter cartridge.
2. For coffee makers brewing one pot (1/2 gallon) per cycle, use one 2.2 lb. (one kilogram) package of ScaleKleen. For regularly scheduled maintenance, reduce these quantities in half.
3. Remove the top plug assembly from the Everpure JT Cartridge. **NOTE:** The JT Cartridge is designed to hold a maximum of one 2.2 lb. (one kilogram) package of ScaleKleen.
4. Cut one corner of the ScaleKleen package, and pour the contents directly into the JT Cartridge. Once the ScaleKleen is in the cartridge, carefully reinsert the top plug assembly. **NOTE:** Ensure that the plug assembly is seated to the lugged outer cap. If not, placement of the JT Cartridge into the head will be hindered.

As an alternative, you can dissolve one 2.2 lb. (one kilogram) package of ScaleKleen in warm water. Carefully pour the solution into the JT Cartridge. Repeat this step until all of the solution has been used.

5. Insert the filled JT Cartridge into the head assembly, and turn the shut-off valve to the fully opened position.
6. Remove the filter basket and spray head, then dump the coffee grounds from the machine. Place the spray head in the target coffee pot.
7. Cycle the coffee maker once, vending one pot. Let it sit for 30 minutes. The spray head in the pot will also be cleaned.
8. After 30 minutes, cycle the coffee maker with 10 pots of fresh water. This will flush the ScaleKleen from the boiler and water lines. After the tenth pot, check the pH of the hot water. When the pH of the hot water is within one pH unit of the incoming cold water, the ScaleKleen is flushed out. Reassemble the spray head to the coffee maker. **NOTE:** If there is a hot water tap available, flush one pot through to de-lime tap.
9. Once the coffee maker has been flushed out, it can be placed back into service.
10. After all de-scaling has been completed, remove the JT Cartridge and install a new Everpure filter cartridge.

CAUTION: In case of contact with eyes or skin, rinse thoroughly with water. Avoid prolonged contact with stainless steel surfaces. Contains salt which may cause surface discoloration. Spots may be removed with a mild scouring agent.

IF USING PH TEST KIT

1. Using one test strip, test and record the pH of the incoming water.
2. Using one test strip, test and record the pH of the product water flowing from the de-scaled appliance.
3. When the pH of the outgoing product water is within one pH unit of the incoming water, the ScaleKleen has been sufficiently flushed out and the appliance can be placed back into service. **NOTE:** Flushing the appliance with fresh water will raise the pH of the product water.

EVERPURE®

For sales, replacement components, and service, contact your Everpure dealer or:
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In Europe: Toekomstlaan 30 • B-2200 Herentals, Belguim
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